

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN	435	6

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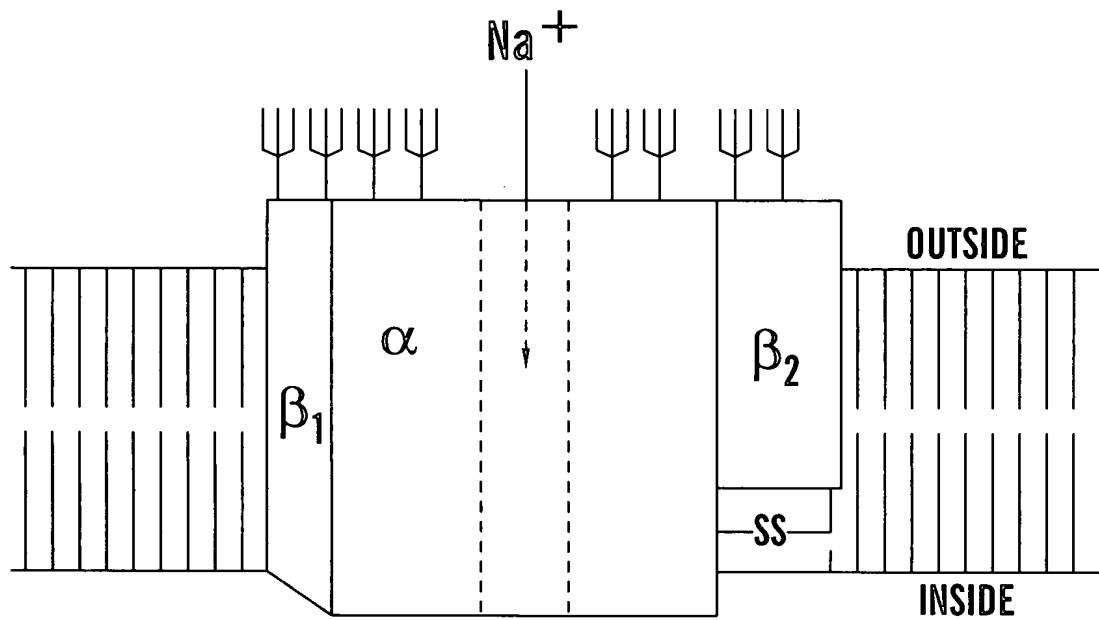


FIG. 1

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APPROVED	O.G. FIG.	
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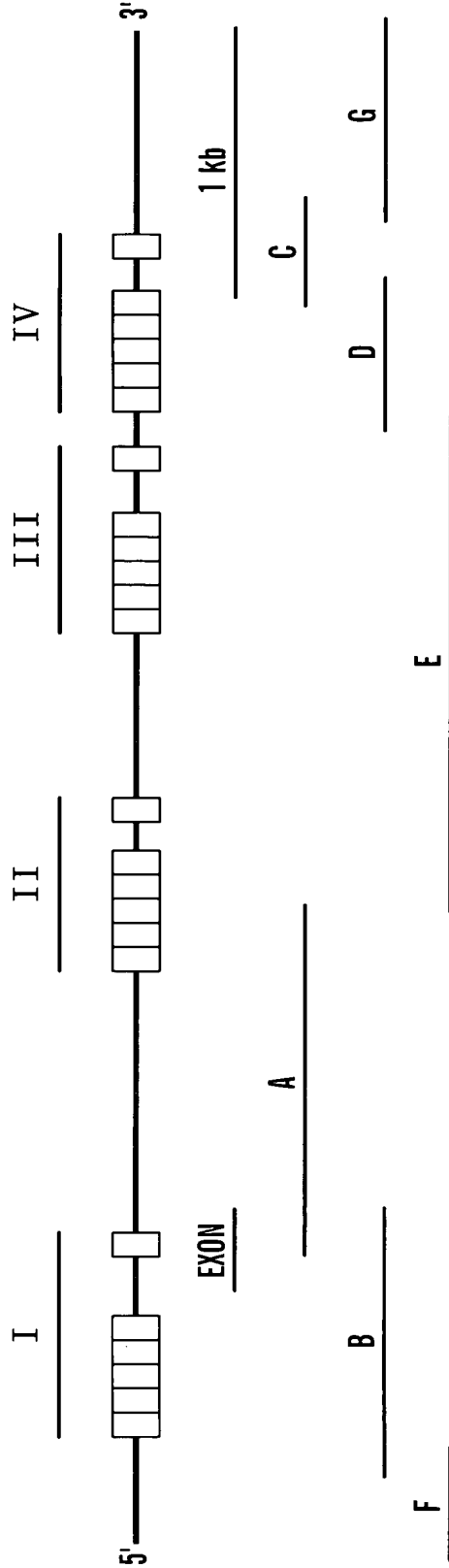


FIG. 2

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NAIDM	MTEDSDSISEERSLFRPFTRESLLQIEORIA.EHEKQKELERKRAAEGE.....QIRYDDEDEEGPQDPDTLEQGVPPIVRMQ	79
538ge	-----L-----A-----Q-----M-	79
para	-----V-----A-----VPRYGRKKKQE-----L-	90
	<u>IS1</u>	<u>IS2</u>
GSFPPELASTPLEIDPFYSNVLTFVVISKGDIFRFSASKAMWLLDPFNPIRRVAIYLHPLFSLFIITILNCILMIMPTTPVESTEVIFTGIYT	179	
F-I-F-I-L-T	179	
-Y-V-M-V	190	
	<u>IS3</u>	<u>IS4</u>
FESAVKMARGFILCPFTYLRDAWNMLDFVIALAYVTMGIDLGNLAALRTFRVLRAKTKTVAIVPGLKTIVGAVIESVKNLRDVIILTMSLSVFALMGL	279	
		<u>IS5</u>
		279
		290
	# # # #	<u>IP</u>
QIYMGVLTQKCIKRFPDLGSWGNTLDENWFLHNSNSSNWFTENDGESYPVCNVSGAGQCGEDYVCLQGFGNPNYDYTSDFSFGWAFLSAFRLMTQDFW	379	
Q-R-FL-S-FT-ND-E-Y-V-V-GE-D	379	
E-K-DY-R-YS-DE-I-F-L-I-DD-C	390	
	<u>IS6</u>	
EDLYQHVLQAAGPWMLFFIVIIFLGSYLVNLILAIVAMSDELQKKAEEEEAAEEEAIREAAEAAAAKALEERANVAQAADAAAAALHPEM	479	
H-Q-K	479	
L-R-L-R-R-AQ-A-A-EE	490	
	*	*
AKSPYSCISYELFVGGEKGNDNNKEKMSIRSVESESVIQRQPAPTTAP .ATKV RKVSTTSLSLPGSPFNLRGRSRSSHKYTI RN GR FG I PG S	578	
	P-L-HO-I	578 590

FIG. 3A

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\*  
 DRKPLVLQTYQDAQQLPYADDSNAVTPMSEENGALIVPAYCNLGSRSSYTSHQSRISYTSBGDLGGMAAMGASTMTKESKLRSRTRNQSIGAATN 678  
 -----Q-----A-C-----A-A-----S-----I-ATN 678  
 -----S-----V-G-----V-V-----N-----V-TNG 690

GGSTAGGGYPDANKH.EQRDYEMGQDYTDEAGKIKHHDNPFIEPVQTQVVDKDMVINDIIEQAAGRHSRASEGDDDEGPTFKDIALEYILKGI 777  
 -GSSTAGGGYP-A-.EQ---M-QDY-----E-----I-Y--- 777  
 -TTCL.....-T---LDH---I-LEC-----D-----K-V--- 784

IIIS1 IIIS2 IIIS3  
 EIFCVWDCCWMLKFQEWVSFIVFDPFVELFITLCIVVNTMFAMDHDMNPELEKVLKSGNYFFTTATFAIEASMKLMA MSPKYFQEGWNIFDFIIVAL 877  
 EI-----F-----P-L-K-----S----- 877  
 DV-----L-----K-M-R-----T----- 884

IIIS4 IIIS5  
 SLELGLGVQGLSVLRSFLLRVFKLAKSWPTLNLLISIMGRMGALNLTFLVLCIIIFIFAVMGMLFGKNYIDHKDRFKDHELPRWNFTDFMHSFMI 977  
 -----I-----K-HE----- 977  
 -----H-----P-GD----- 984

IIIP IIIS6  
 VFRVLCGEWIESMWDVMVGDVSCIPFFLATVVGNLVVLNLFALLLSNFGSSLSAPTADNDINKIAEAFNRIARFKNWVKRNIADCFKLIRNKLINQ 1077  
 -----F-----A-N----- 1077  
 -----L-----G-S----- 1084

◇ #  
 ISDQPSEHGDNELELGHDEIMGDGLIKKGMKGETQLEVAIGDGMFTIHGDMKNKPKKSKFMNNTMIGNSINHQNRLHEHLNHRGLSIQDDDTASIN 1177  
 -----MG-----M-GE-----FI-T-MIGNSINHQNRLHEHLNHRGLSIQ----- 1177  
 -----LA-----I-EQ-----YL-A----- 1159

FIG. 3B



APPROVED	O.G. FIG.	
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IVS4		IVS5	
VILSILGLVLSDIIEKVFVSPTLLRVVRVAKVGRVRLVKGAKGIRTLFALAMSLPALENICLLFLVMFIFAIFGMSFFMHVKEKSGINAVNFKTFG	1777		
-----A-----	1777		
-----D-----	1758		
IVP		IVS6	
QSMILLFQMSAGWDGVLDALINEEDCDPPDNDKGYPCNGSATVGTFFLLSVLISFLVINMYIAVILENYSQATEDVQEGLTDDDDYDMYVEIWQQF	1877		
-----D-----	1877		
-----A-----	1858		
DPEGTYIRYDQLSEFLDVLPLEPLQIHKPNKYIISMDMPICRGDMMYCVDILDALTCKDFFARKGNPIEETGEIGEIAARPDTEGYDPVSSTLWRQREEY	1977		
-----M-----	1977		
-----I-----	1958		
CAKLIQNAWRRYK.....NGPPQEGDEGEAAGGEDGAEGGEGECSGGGGDGGSATGATAAAGAT..SPSDPDAGEADGASVG...GPLSPGCV	2063		
--K--N--RY-.....NGPPQE--E-EAAG-EDGAEGGEGECSG--GDDDG-S-T...-AGAT..SPTDPD-GE-DG-SAGNGG-PLSP-CV	2062		
--R--H--KH-ARCEGGGSFEPDTH--G-DPDA-DPAPDEATDGDAPA--DGSVN-T-E--AD-DESNVNSPGEDAAAA-AA-AA-TTTA-SP	2055		
*SGGSNGRQTAVLVESDGFVTKNGHKVVIHSRSPSITSRTADV			
SG--N-----	2105		
GA--A-----	2104		
	2100		

FIG. 3D

56820T FEB 24 60

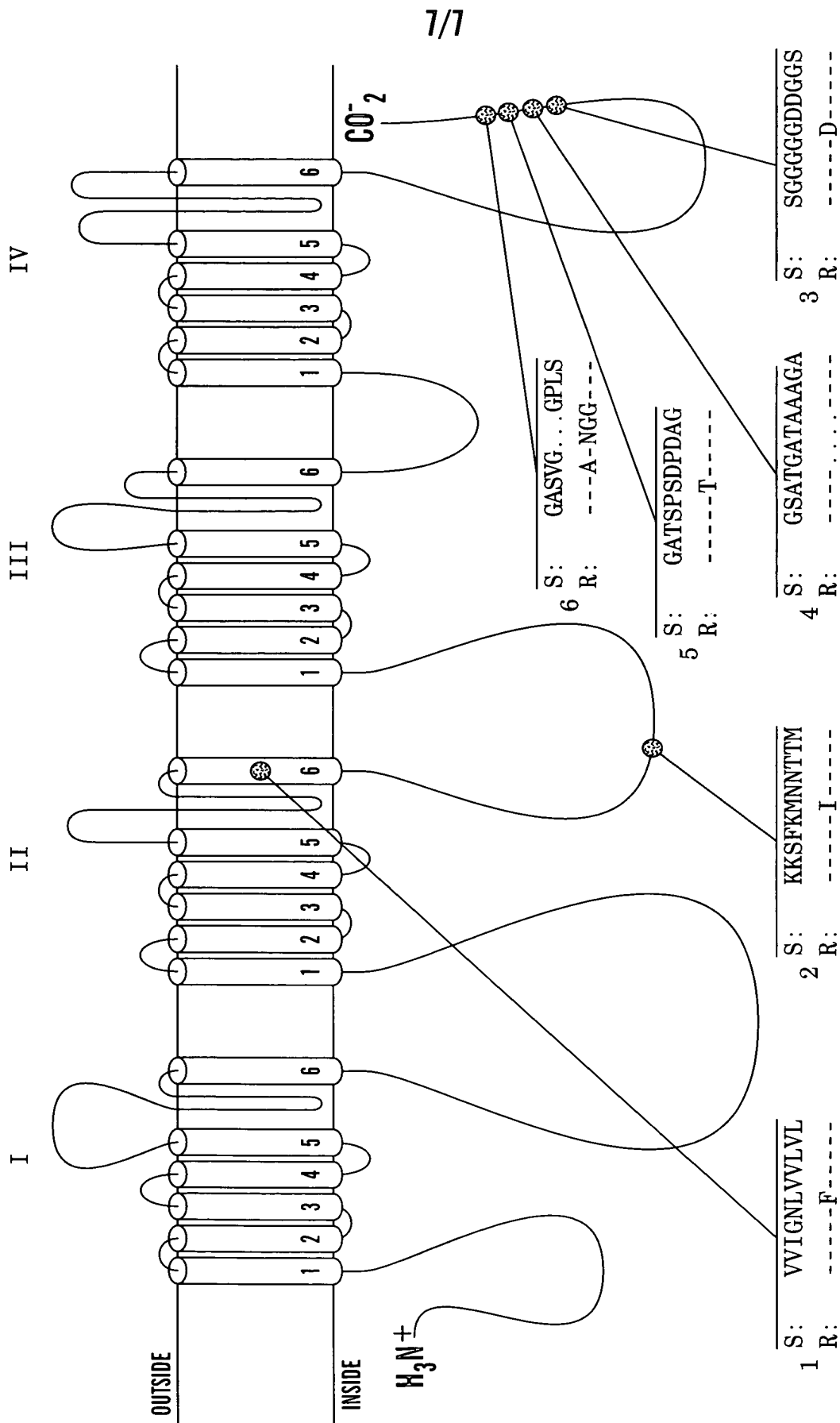


FIG. 4